

FIG. 1 is a block diagram of a network system 100, according to an embodiment of the present invention.

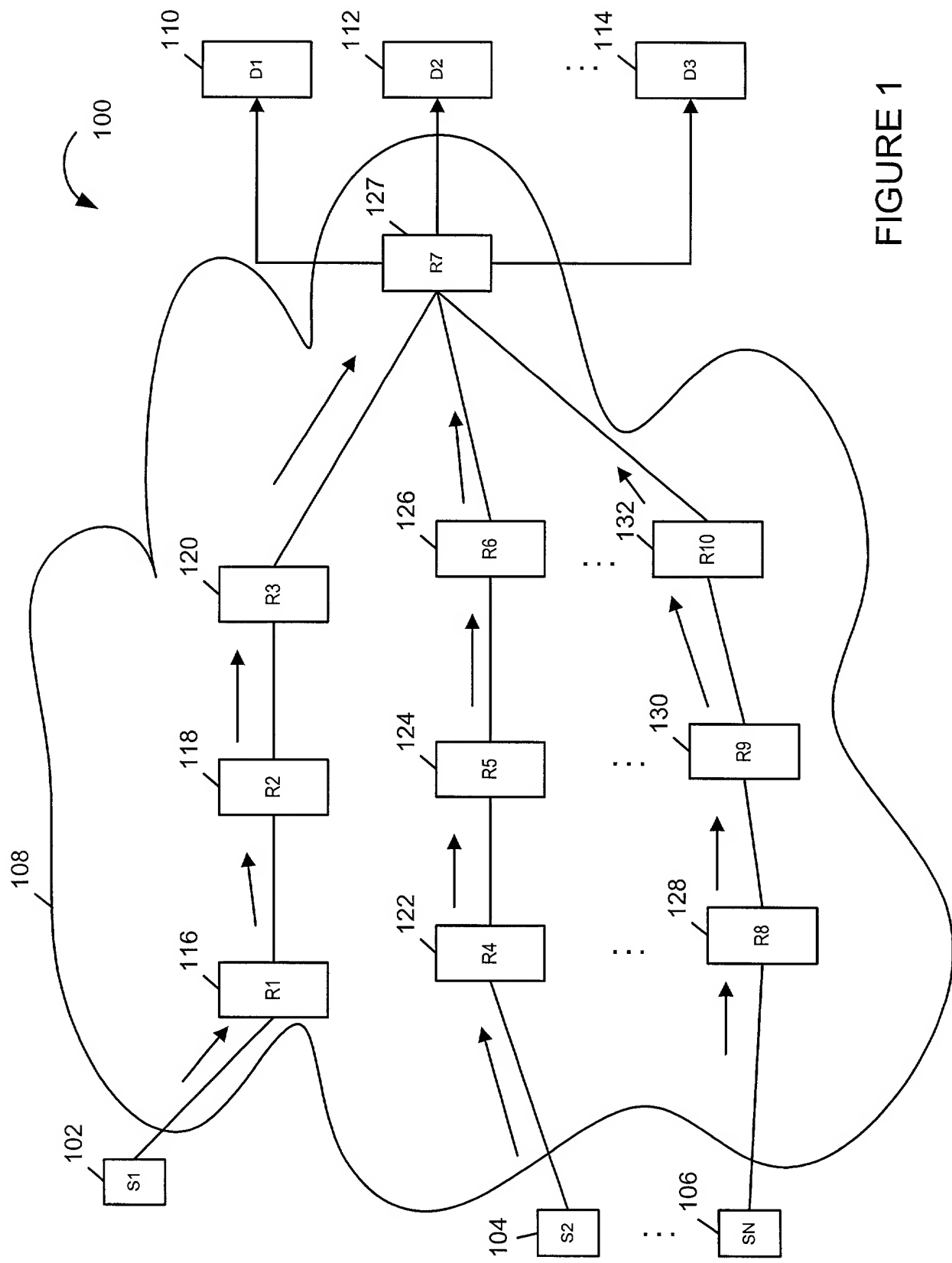
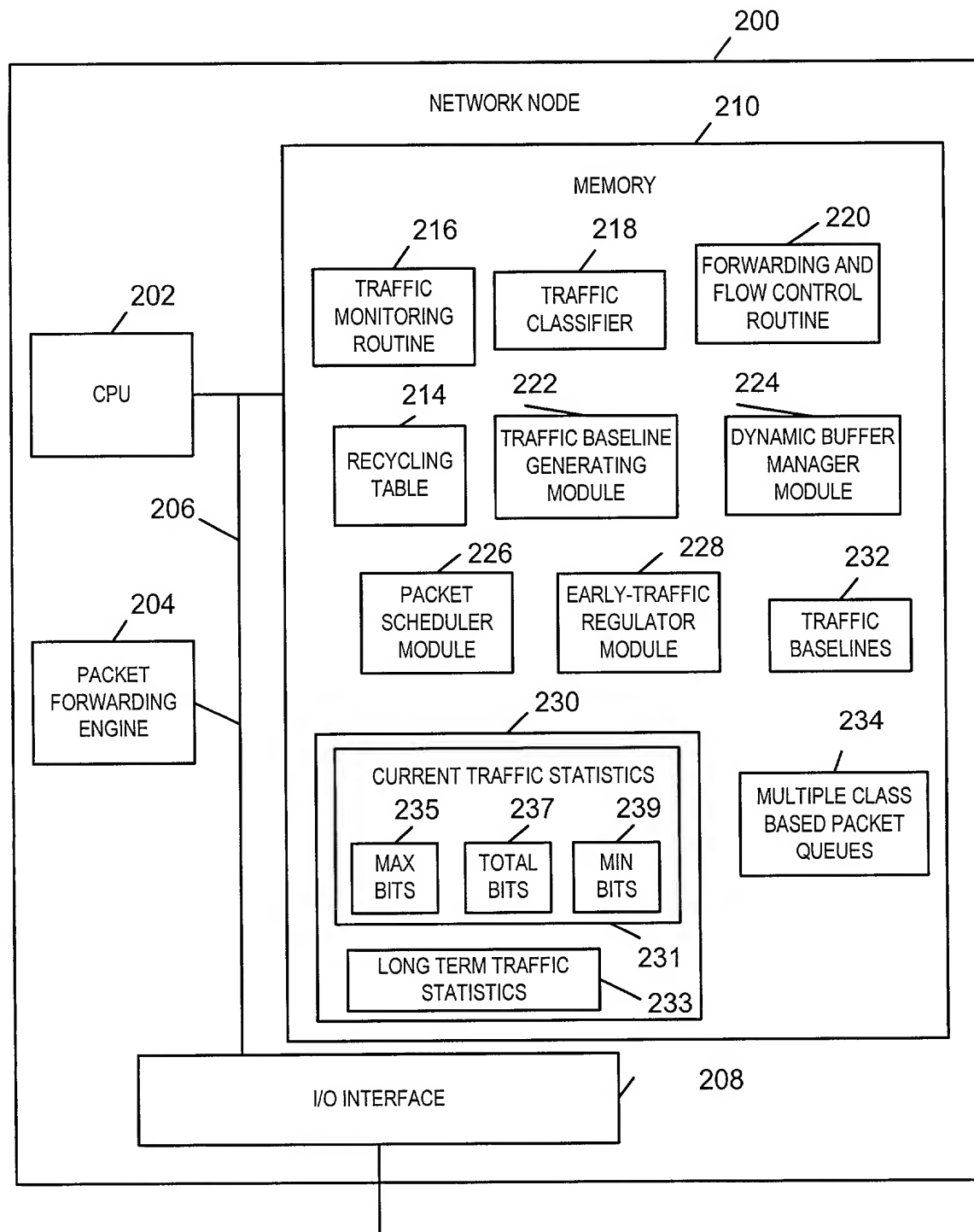


FIGURE 1



TO/FROM ROUTERS AND/OR HOST DEVICES

FIGURE 2

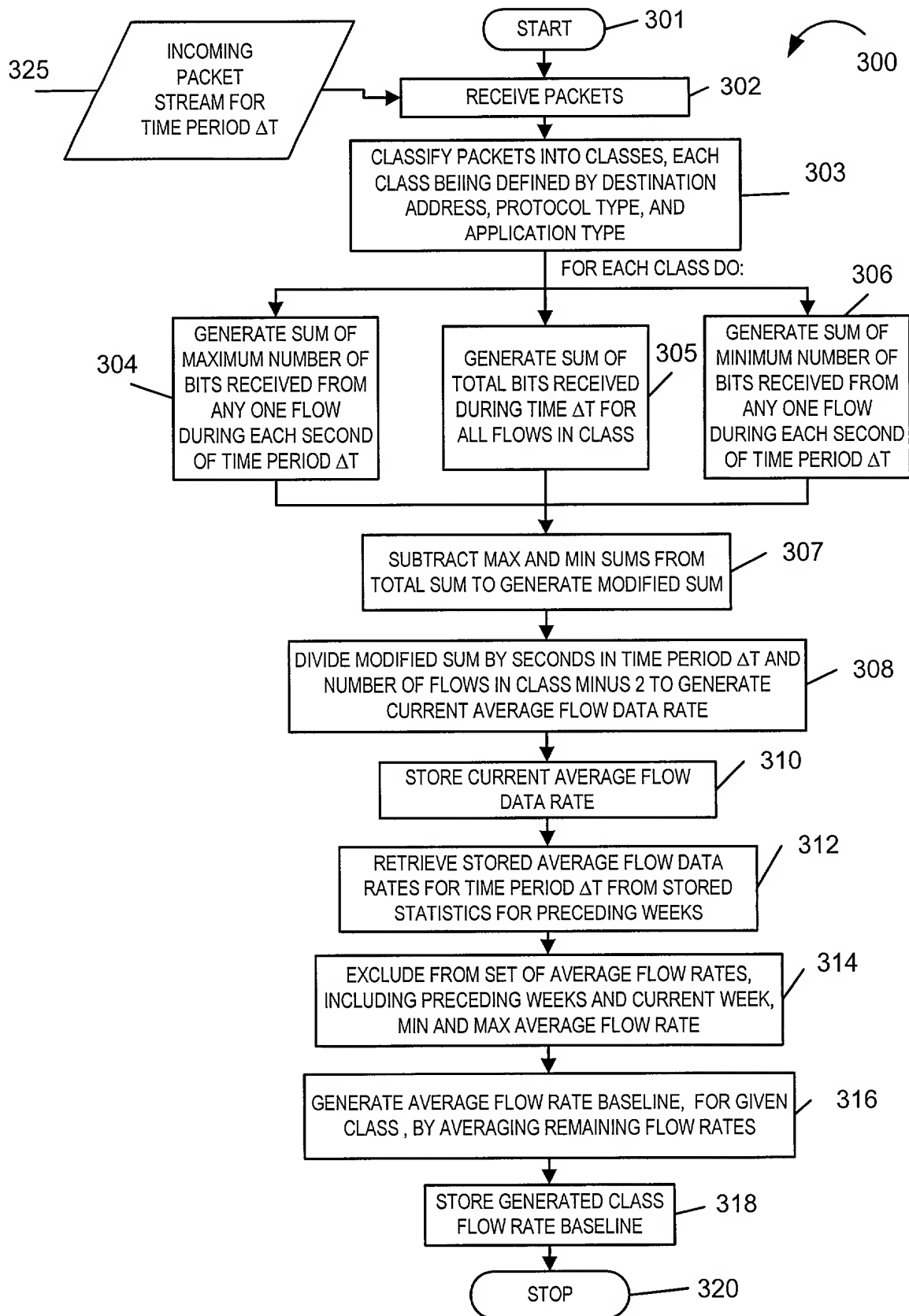


FIGURE 3

402 ↗ 404 ↗ 406 ↗ 408 ↗

Class Flow Baseline Table For Destination D2					
Protocol Type	TCP		UDP		
Application Type	Web	FTP	Echo	DNS	
Average Baseline (Arrival Rate bit/sec)	1000	500	200	100	
	Class 1	Class 2	Class 3	Class 4	

FIGURE 4

600

Flow Statistics Before Processing									
Traffic Type	Elastic					Best-Effort			
Protocol Type	TCP					UDP			
Application Type	Web					FTP			
Arrival Rate	3500					1100			
Flow (s)	F1	F2	F3	F4	F5	F6	F7	F8	F9
Arrival Rate Per Flow	800	1200	1500	700	400	180	500	200	90
	Class 1					Class 2			
						Class 3			
						Class 4			

FIGURE 6

700

Traffic Throughput After Processing									
Traffic Type	Elastic					Best-Effort			
Protocol Type	TCP					UDP			
Application Type	Web					FTP			
Throughput (bit/sec)	1800					400			
Flow (s)	F1	F2	F3	F4	F5	F6	F7	F8	F9
Responsiveness	YES	YES	NO	NO	YES	N/A	N/A	N/A	N/A
Aggressiveness	NO	YES	YES	YES	NO	NO	YES	YES	NO
Throughput	800	1000	0	0	400	180	200	100	90
	Class 1					Class 2			
						Class 3			
						Class 4			

FIGURE 7

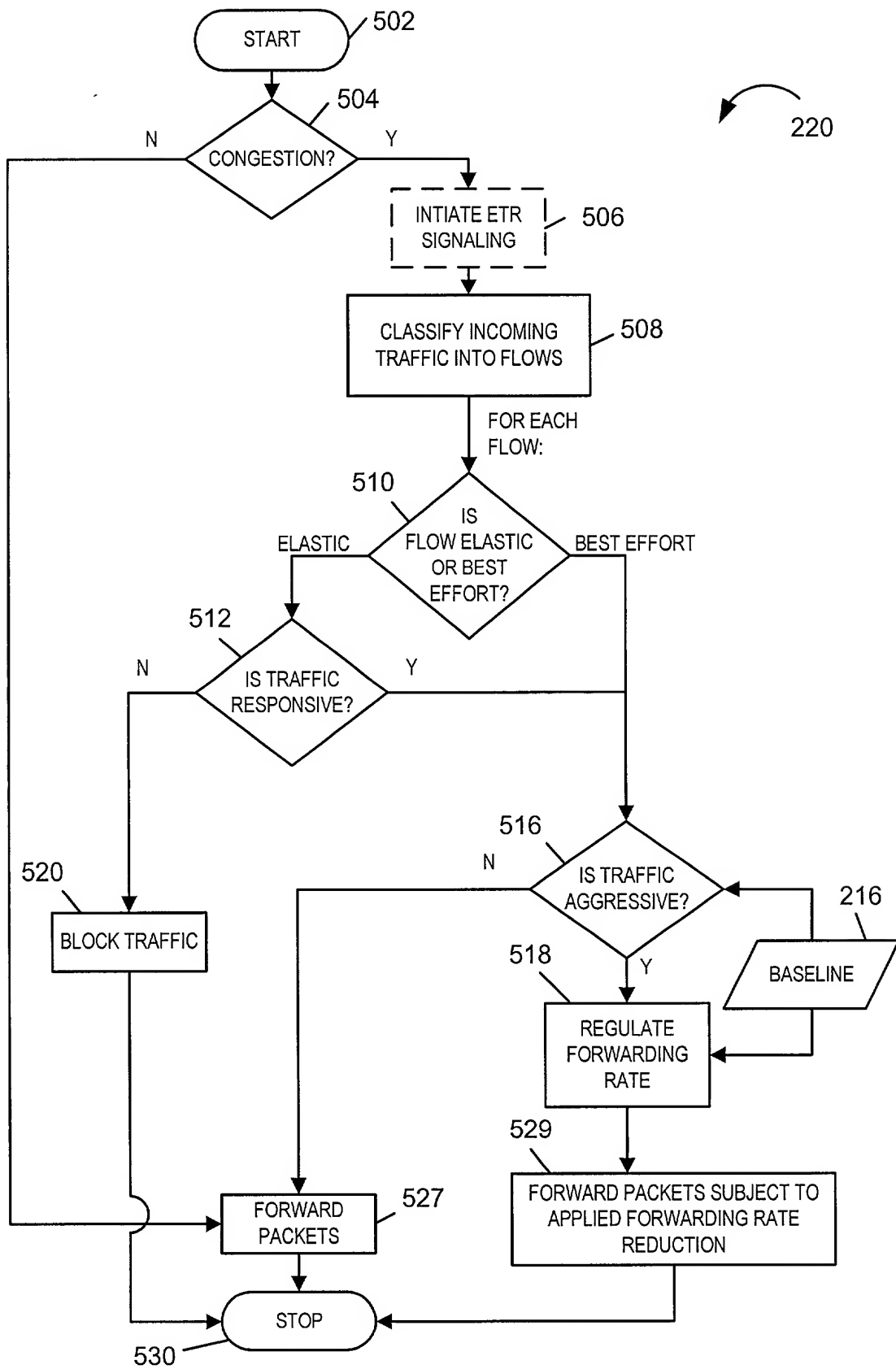


FIGURE 5

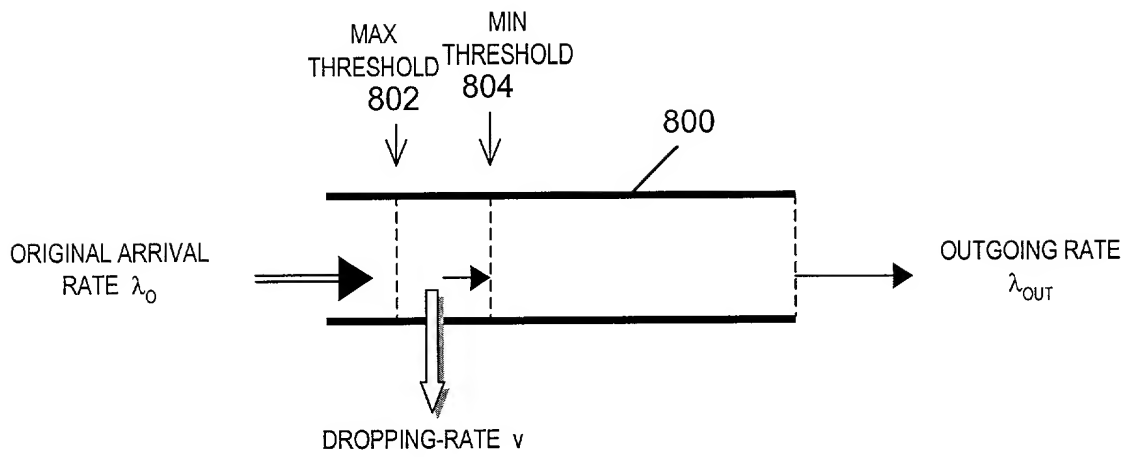


FIGURE 8